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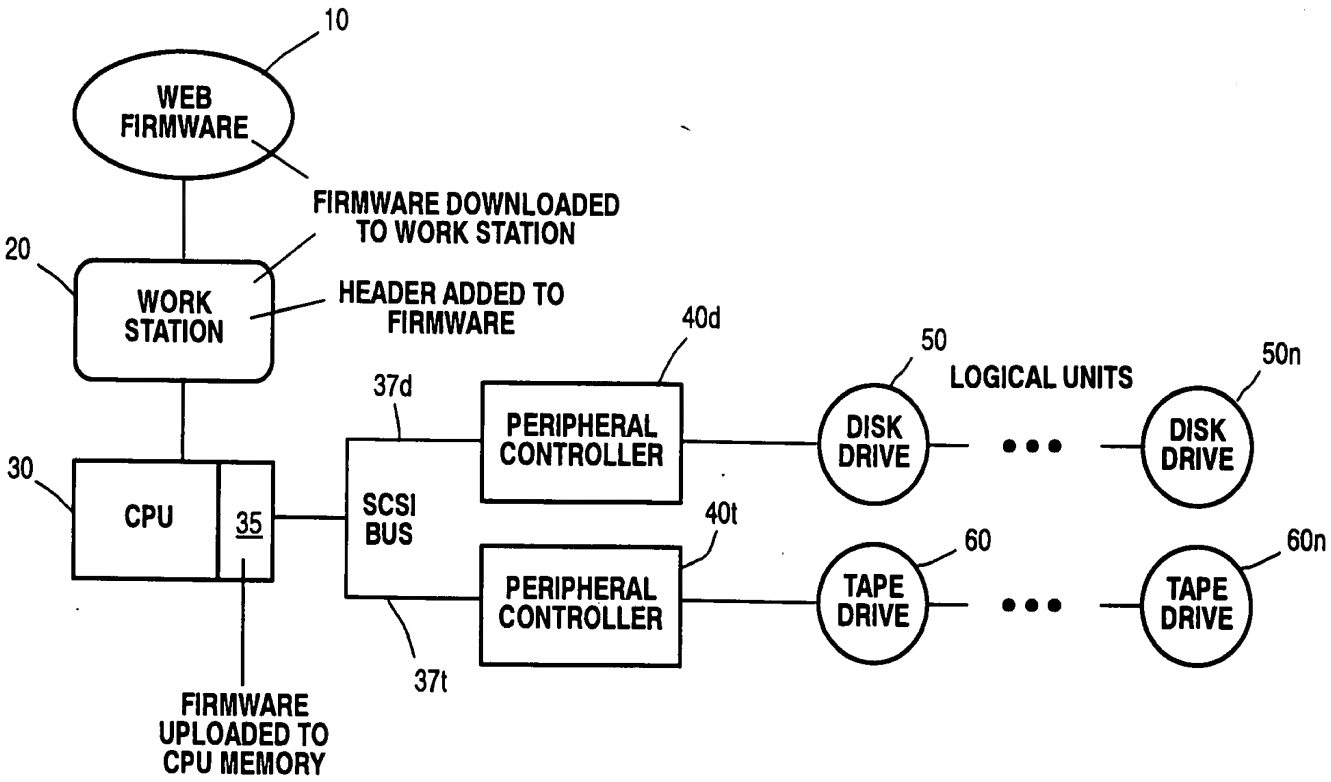

Figure 1A

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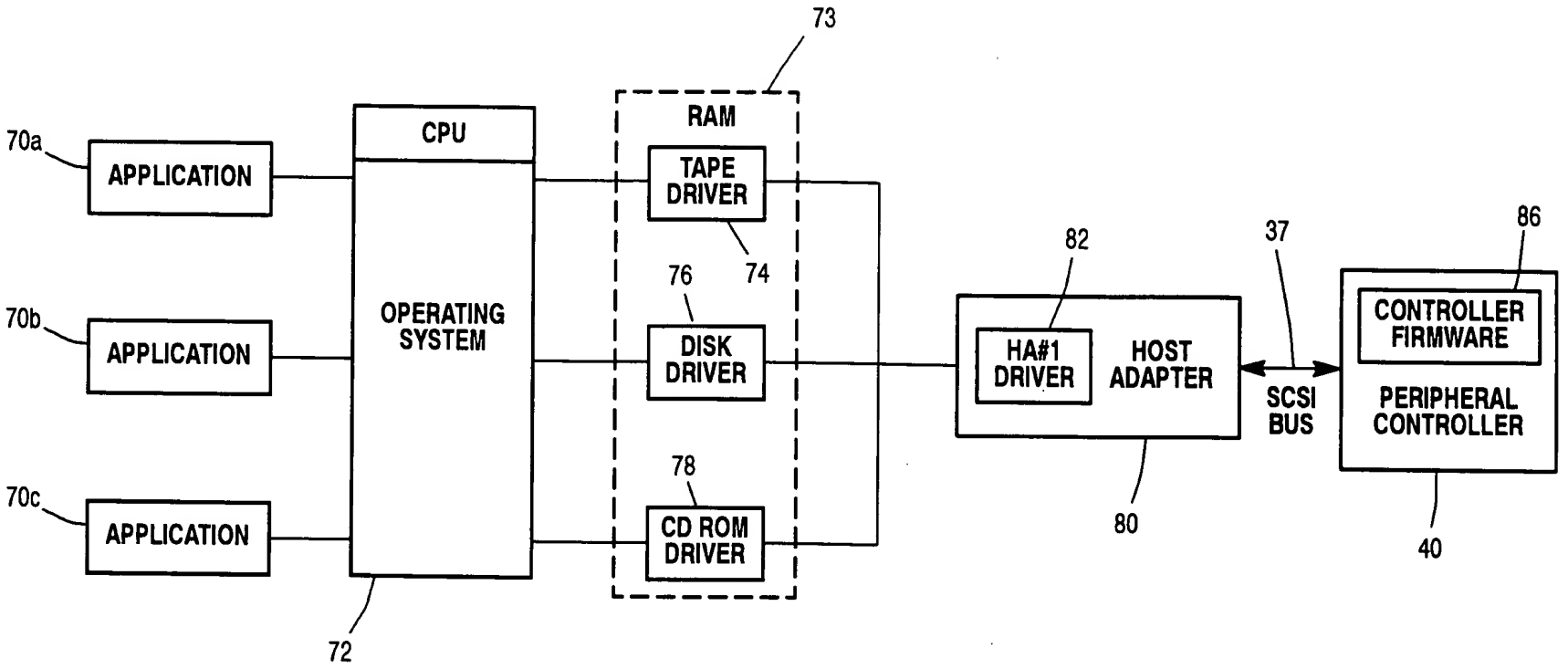

Figure 1B

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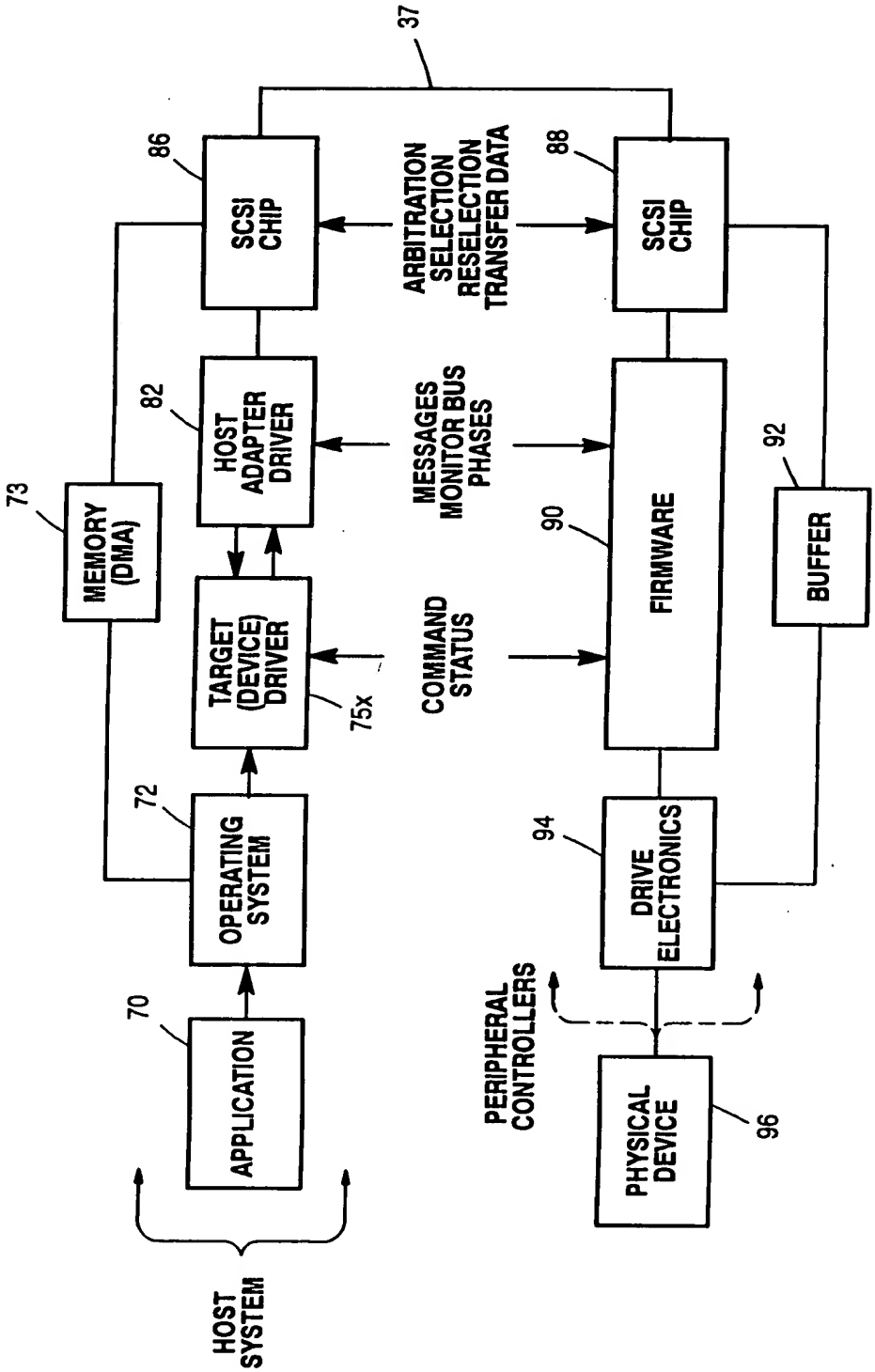

Figure 1C

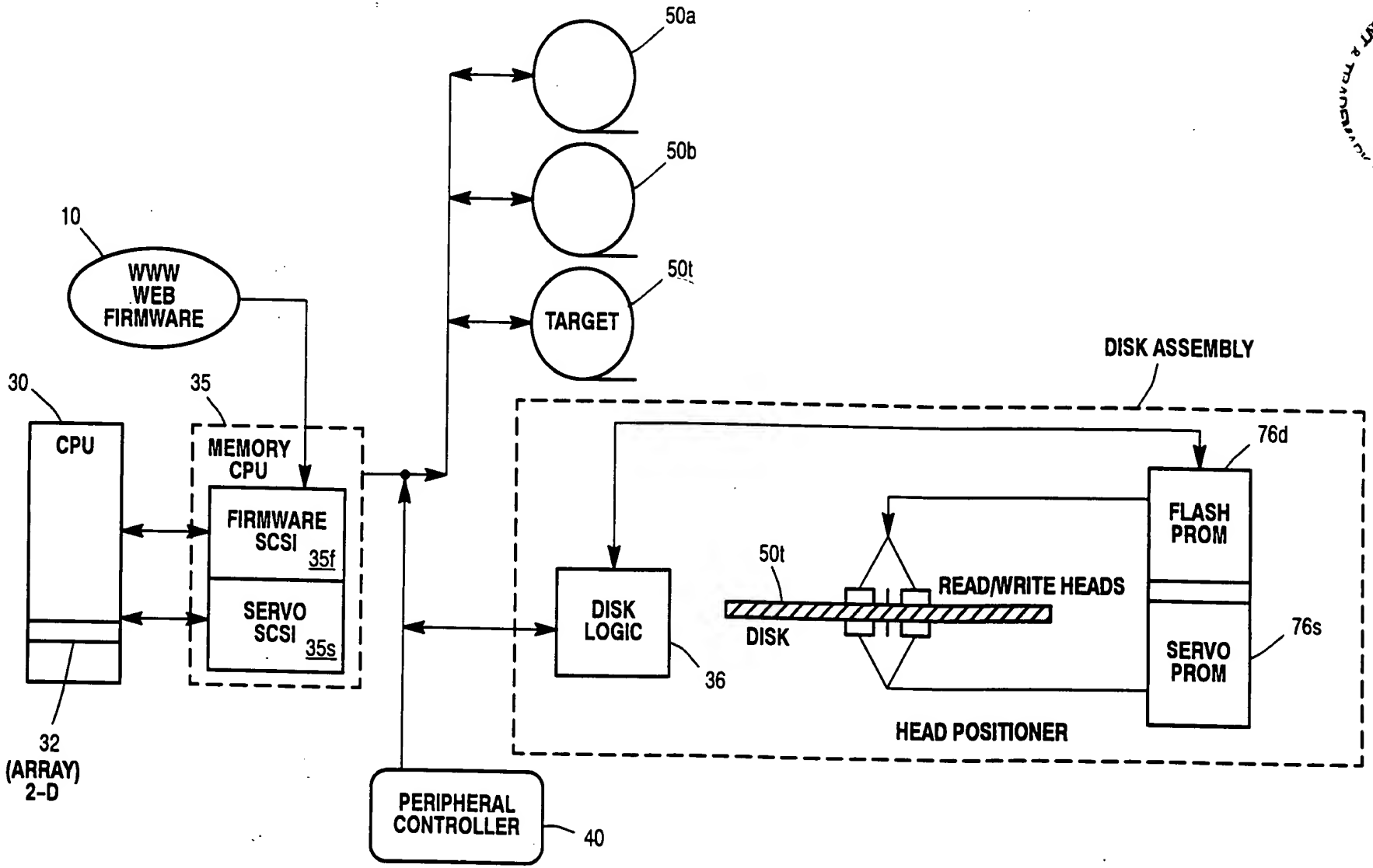

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Figure 1D

TYPICAL TWELVE-BYTE CDB

(TABLE 23)

	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	OPERATION CODE							
BYTE 1	LOGICAL UNIT NUMBER			RESERVED				
BYTE 2	(MSB)							
BYTE 3	LBA = LOGICAL BLOCK ADDRESS (IF REQUIRED)							
BYTE 4								
BYTE 5								(LSB)
BYTE 6	(MSB)							
BYTE 7	TRANSFER LENGTH (IF REQUIRED)							
BYTE 8	PARAMETER LIST LENGTH (IF REQUIRED)							
BYTE 9	ALLOCATION LENGTH (IF REQUIRED)							(LSB)
BYTE 10	RESERVED							
BYTE 11	CONTROL BYTE							

Figure 2

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WRITE BUFFER COMMAND

BIT / BYTE	7	6	5	4	3	2	1	0
0	OPERATION CODE (3Bh)							
1	RESERVED					MODE		
2	BUFFER ID							
3	(MSB)							
4	BUFFER OFFSET							
5								(LSB)
6	(MSB)							
7	PARAMETER LIST LENGTH							
8								(LSB)
9	CONTROL							

Figure 3

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WRITE BUFFER MODE FIELD

MODE	DESCRIPTION	IMPLEMENTATION REQUIREMENTS
000b	WRITE COMBINED HEADER AND DATA	OPTIONAL
001b	VENDOR-SPECIFIC	VENDOR-SPECIFIC
010b	WRITE DATA	OPTIONAL
011b	RESERVED	RESERVED
100b	DOWNLOAD MICROCODE	OPTIONAL
101b	DOWNLOAD MICROCODE AND SAVE	OPTIONAL
110b	DOWNLOAD MICROCODE WITH OFFSETS	OPTIONAL
111b	DOWNLOAD MICROCODE WITH OFFSETS AND SAVE	OPTIONAL

Figure 4

OPERATION CODE

BITS	7	6	5	4	3	2	1	0
BYTE 0	GROUP CODE			COMMAND CODE				

GROUP CODE FIELD

GROUP	BIT 7	BIT 6	BIT 5	NUMBER OF COMMAND BYTES
0	0	0	0	SIX
1	0	0	1	TEN
2	0	1	0	TEN (NEW IN SCSI-2)
3	0	1	1	RESERVED
4	1	0	0	RESERVED
5	1	0	1	TWELVE
6	1	1	0	VENDOR SPECIFIC
7	1	1	1	VENDOR SPECIFIC

Figure 5

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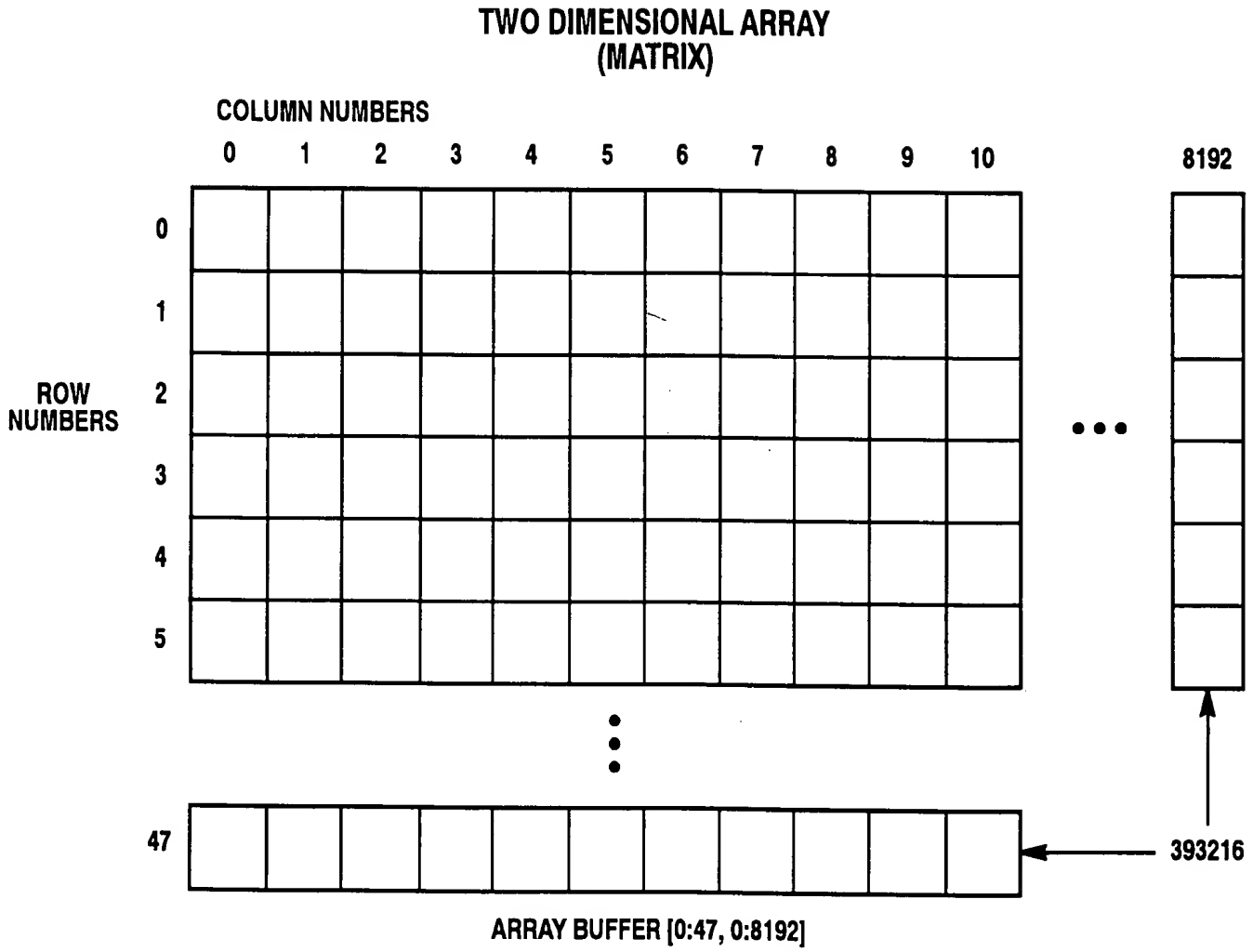

Figure 6

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DFAST

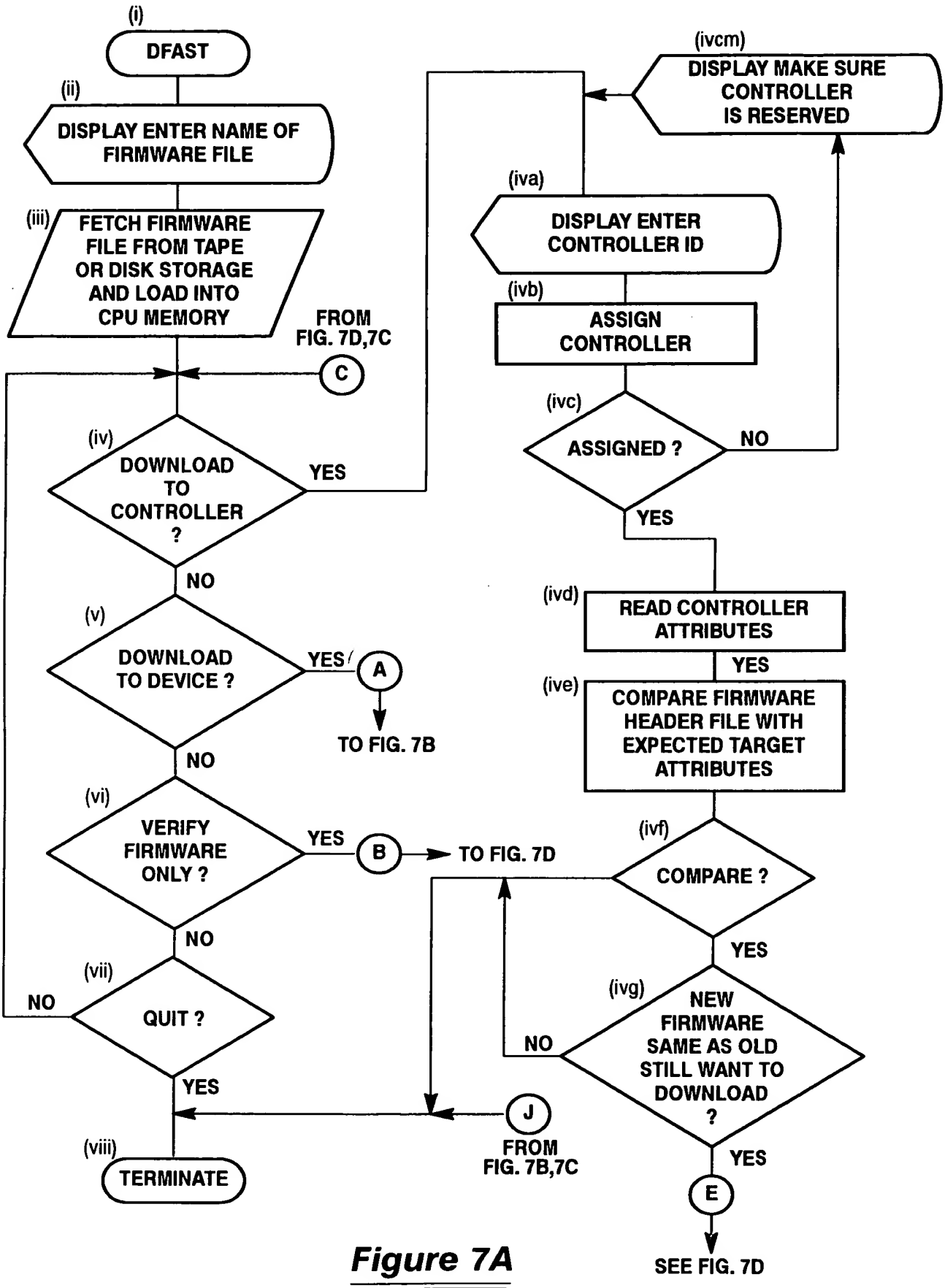

Figure 7A

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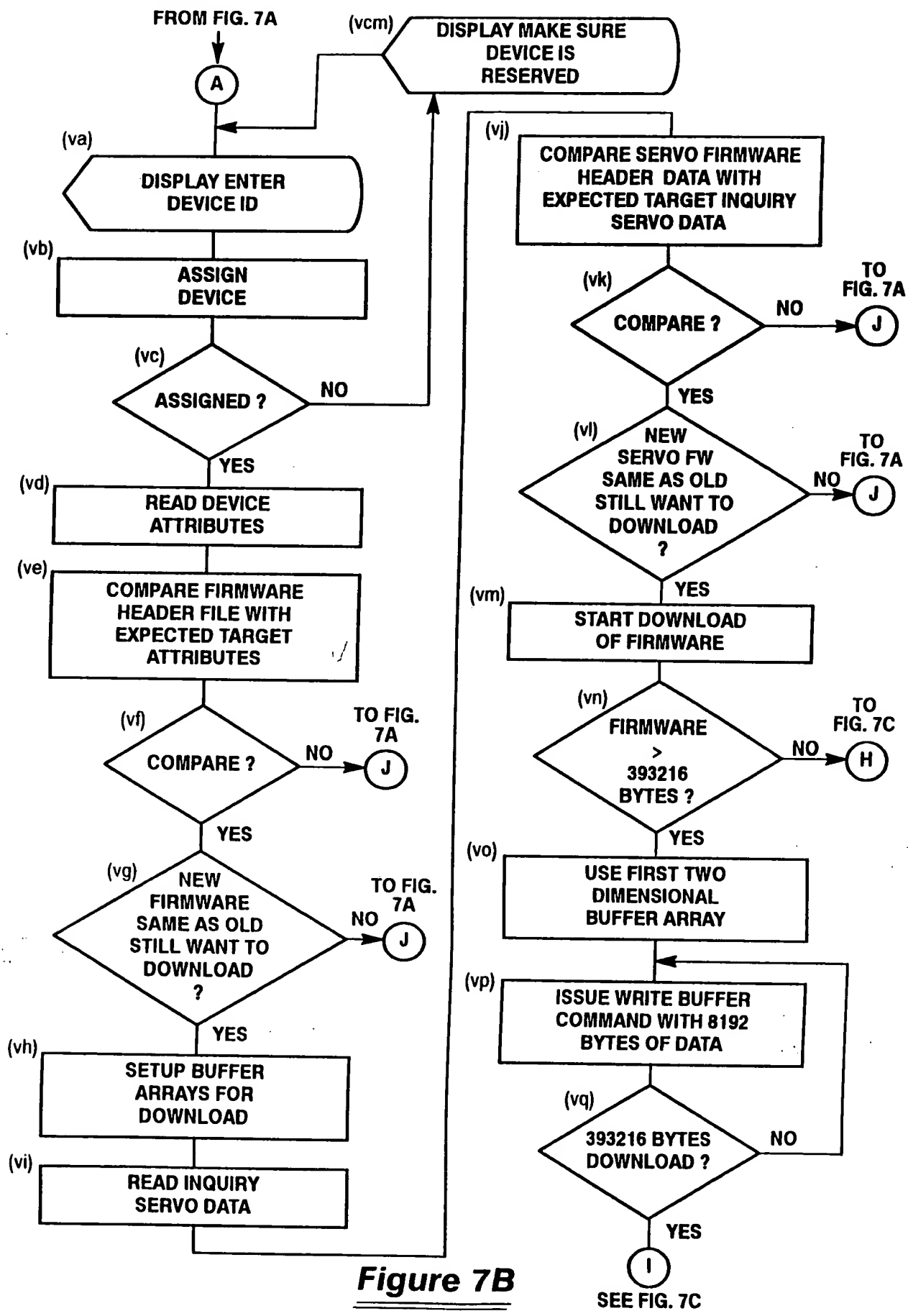
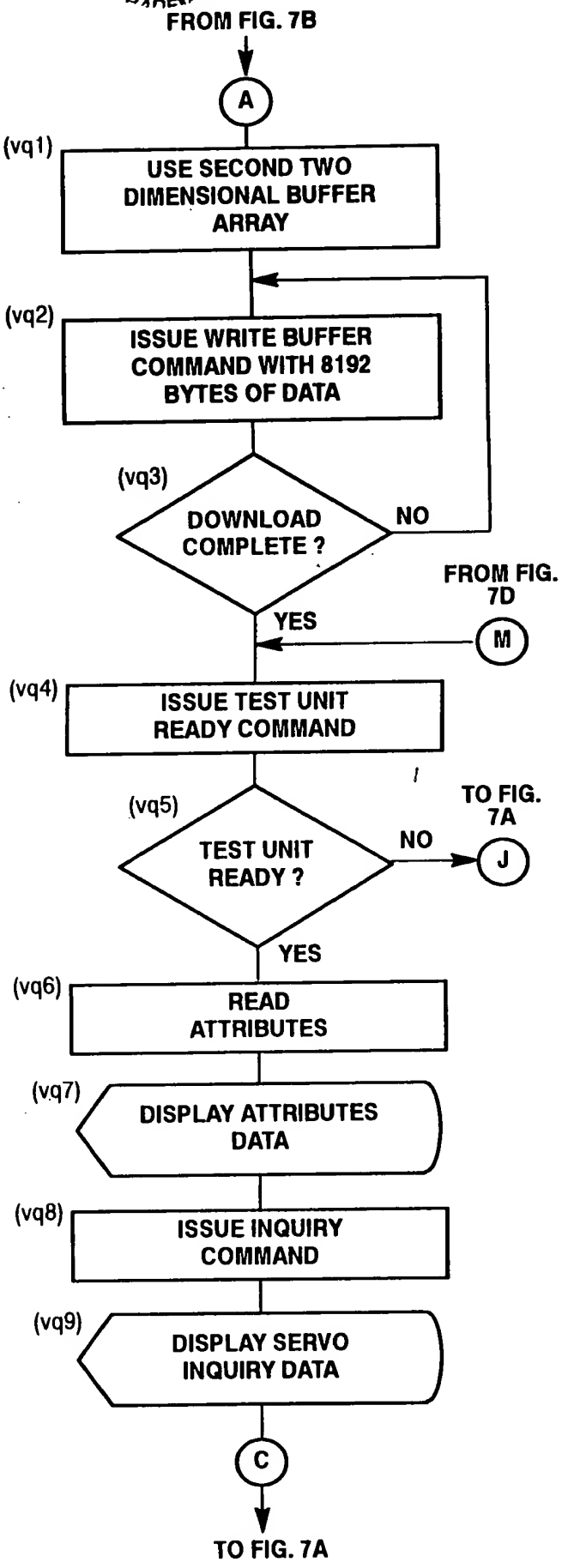


Figure 7B

NOV 0 7 2002



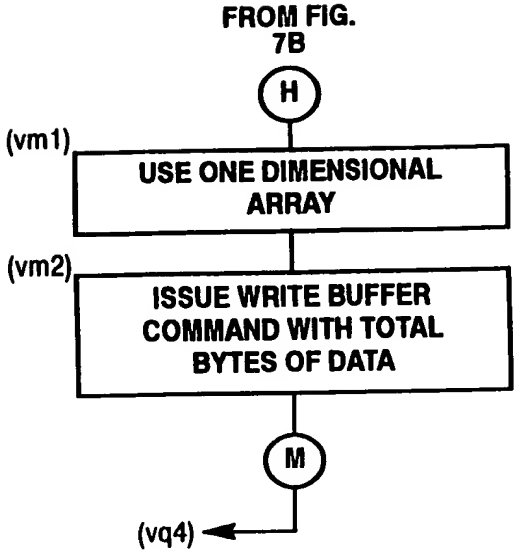


Figure 7C

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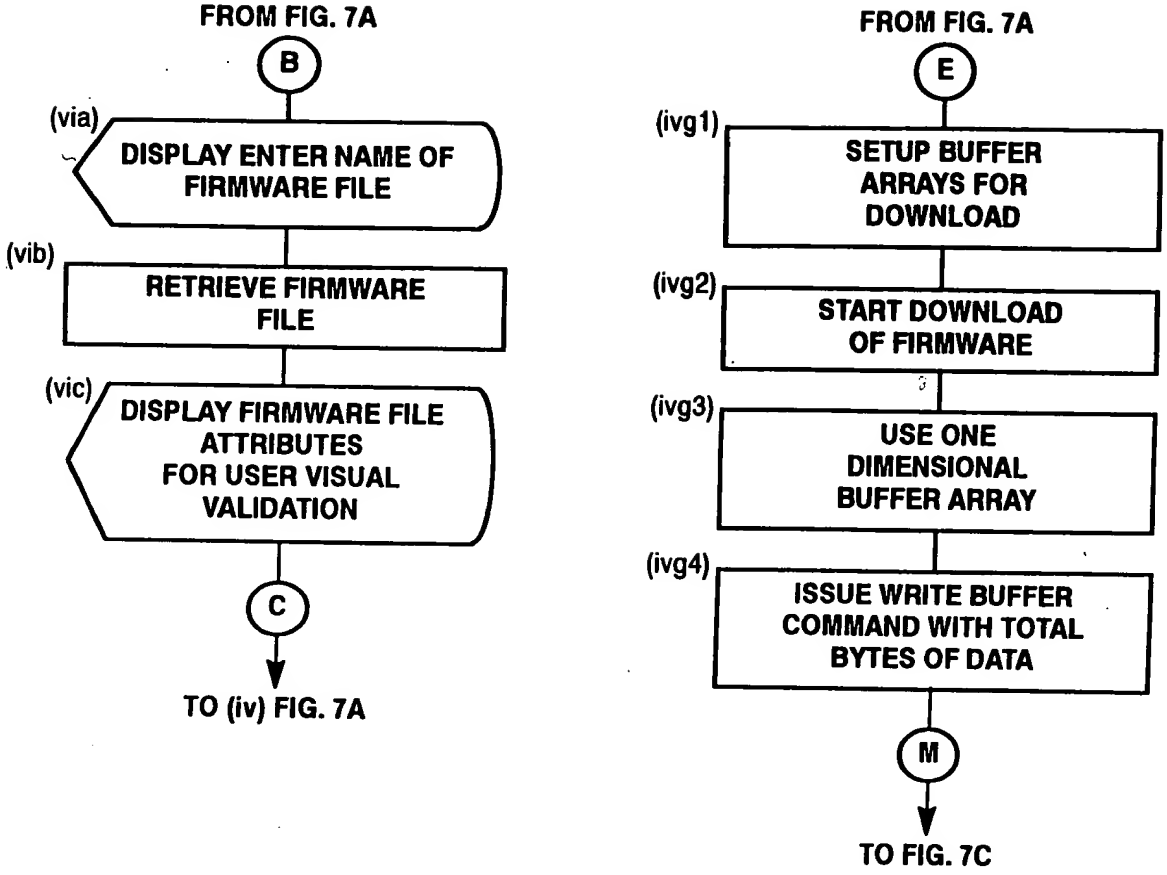

Figure 7D